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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-FNTB Antibody Picoband®

Catalog Number: A07620-2

About FNTB

This locus represents naturally occurring read-through transcription between the neighboring CHURC1 (churchill domain containing 1) and FNTB (farnesyltransferase, CAAX box, beta) on chromosome 14. The read-through transcript produces a fusion protein that shares sequence identity with each individual gene product.

Overview

Product Name	Anti-FNTB Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FNTB Antibody Picoband® catalog # A07620-2. Tested in WB, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P49356

Technical Details

Immunogen	E.coli-derived human FNTB recombinant protein (Position: L23-E429).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 ug/ml, Human ELISA, 0.1-0.5 ug/ml

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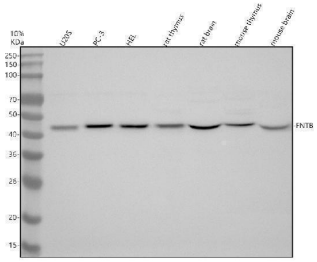
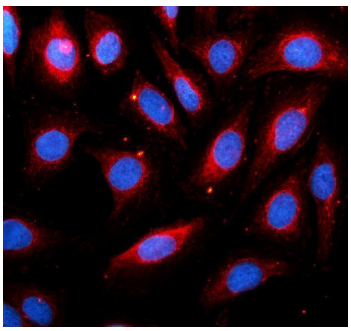
Anti-FNTB Antibody Picoband® (A07620-2) Images



Western blot analysis of FNTB using anti-FNTB antibody (A07620-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human U2OS whole cell lysates, Lane 2: human PC-3 whole cell lysates, Lane 3: human HEL whole cell lysates, Lane 4: rat thymus tissue lysates, Lane 5: rat brain tissue lysates, Lane 6: mouse thymus tissue lysates, Lane 7: mouse brain tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-FNTB antigen affinity purified polyclonal antibody (A07620-2) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for FNTB at approximately 44 kDa. The expected band size for FNTB is at 49 kDa.



IF analysis of FNTB using anti-FNTB antibody (A07620-2). FNTB was detected in an immunocytochemical section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-FNTB Antibody (A07620-2) overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

Anti-FNTB Antibody

For Research Use Only. Not for use in diagnostic procedures.